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**INFORMATION REPORT**

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SUBJECT Promising Men among the Younger East German  
Scientists

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SUPPLEMENT TO  
REPORT NO. [REDACTED]

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1. The following younger East German scientists may be considered promising in the field of experimental physics:

- a. Dr. (fnu) Pupke, Academy research institute for gaseous discharge, Greifswald. Dr. Pupke is working primarily on gaseous discharge and quantum mechanics.
- b. Dr. Kurt Altenberg, Electrochemical Institute, Dresden Technical Hochschule. Dr. Altenberg is doing research primarily in the physics of high polymers.
- c. Dipl. Phys. E. Boeser, 2nd Physical Institute of Humboldt University, Berlin. This man is working on semiconductors, primarily the mechanism of electrical penetration (Durchschlag) on semiconductors (e.g. Cd).
- d. Dr. E. Blankenburg, Institute for Applied Physics, Halle University. He is doing research on electrical capacities of copper oxides in medium and low temperatures. He is also working on semiconductors.
- e. Dr. Joachim Teltow, Institute for Physics of Crystals of The German Academy, Berlin. Dr. Teltow is working on lattice defects in silver-halogenides and the development of latent pictures on photographic plates.
- f. Dipl. Phys. R. Linde, Institute for Radiation Sources of the German Academy, Berlin.

2. The following younger East German scientists may be considered as promising in the field of theoretical and mathematical physics:

- a. Dr. (fnu) Hoehler, Institute for Theoretical Physics, Humboldt University, Berlin.
- b. Dr. Carl Seyferth, Physico-chemical Institute, Humboldt University, Berlin. Dr. Seyferth is working on diffusion phenomena in metal alloys and inner oxidation in alloys.

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c. Dr. R. Lehmann, Institute for Theoretical Physics, University of Jena.

3. Those younger East German scientists considered promising in the field of physical chemistry are:

- Dr. Rolf Landsberg, the Physical Chemistry Institute, Greifswald University, Greifswald. He is working on the mechanism of electro-chemical passivity of nickel and zinc monocrystals. Dr. Landsberg also lectures on electrochemistry at the University of Greifswald.
- Dipl. Chem. Horst Peters, Physical Chemistry Institute, Humboldt University, Berlin. Peters is investigating the structure and conduct mechanism of mixed oxides as firm electrolytes for problems of statistic thermodynamics.

4. Promising younger East German scientists in the field of inorganic chemistry are:

- Dr. habil. (fmu) Hecht, Institute for Chemistry of Solid Bodies, The German Academy, Berlin-Adlershof. Dr. Hecht is working on problems of silicon chemistry with Professor (fmu) Thilo and on methods of separation in analytical chemistry.
- Dr. habil. (fmu) Lehmann, 1st Chemical Institute, Humboldt University, Berlin. Lehmann is working on reactions in liquid and solid  $\text{SO}_3$ . He will also shortly receive the chair for inorganic chemistry at Rostock University when Professor Guenther Rienzacker, present incumbent, will take over the inorganic chemistry chair at Humboldt University. Professor Thilo now holds the inorganic chemistry chair at Humboldt. Lehmann is considered to be definitely SED-oriented.
- Dr. E. Roettig, Physical Chemistry Institute, University of Jena. He is investigating the structure of spinels and spinel-type mixed phases.
- Dr. H. Henseke, Organic Chemistry Institute, Greifswald University. He is working on problems in sugar chemistry.

5. Another promising young man is Dipl. Chem. (fmu) Bulka of the Organic Chemistry Institute, Greifswald University. He is likely to advance rapidly, more for political reasons than for scientific ability. He is very faithful to the SED and has already shown signs of using his political standing as a means of advancing in his career.

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